

CE in i , producere licet iE ad V , ut sit EV ad iE ut FH ad HI , & agere Vf parallelam ipsi BD . Eodem recidit si centro i , in intervallo IH describatur circulus secans BD in X , producat iX ad Y , ut sit iY æqualis IF , & agatur Yf ipsi BD parallela.

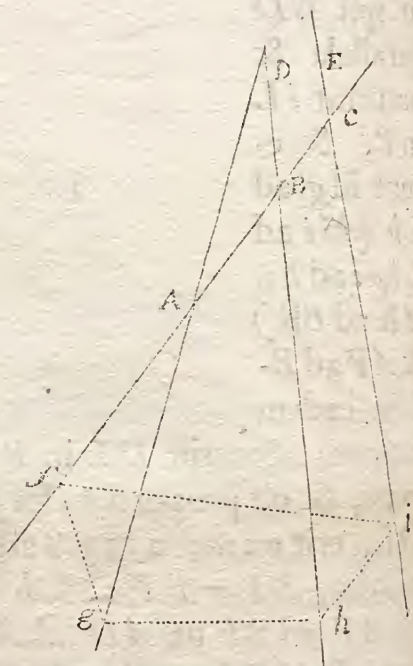
Prop. XXIX. Prob. XIX.

Trajectoriam specie datam describere, quæ a rectis quatuor positione datis in partes secabitur, ordine, specie & proportione datis.

Describenda sit Trajectoria $fgbi$, quæ similis sit lineæ curvæ $FGHI$, & cujus partes fg , gb , bi illius partibus FG , GH , HI similes &

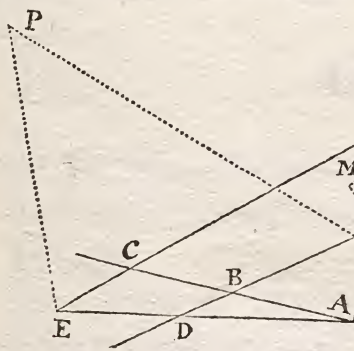
proportionales, rectis AB & AD , AD & BD , BD & EC

positione datis, prima primis, secunda secundis, tertia tertiis interjaceant. Actis rectis FG , GH , HI , FI , describatur Trapezium $fgbi$ quod sit Trapezio $FGHI$ simile & cujus anguli f , g , b , i tangant rectas illas positione datas AB , AD , BD , CE singuli singulas dicto ordine. Dein (per Lem. XXVII) circa hoc Trapezium describatur Trajectoria curvæ lineæ $FGHI$ consimilis.



Scho-

Construi etiam potest GH , HI , FI produc GH , FGH , VFH fac angulos AK , AL cum recta BD quarum KM constituat a sitq; ad AK ut est HI ad N æqualem angulo FHI , autem AK , KM , AL , AL , ut literæ $CAKMC$, literis $FGHIF$ in orbem



CE in i . Fac angulum iE ut FG ad GI ; & pe contineat angulum PQE currat in f , & jungatur f partes linearum CE , PE , ordo circularis qui literar quoq; literarum ordine $FGHI$ simile, & circum tur Problema.

Hactenus de orbibus i rum in orbibus inventis d